

Title (en)  
TRAILER-TYPE ENERGY VEHICLE

Title (de)  
ENERGIEFAHRZEUG MIT ANHÄNGER

Title (fr)  
VÉHICULE À ÉNERGIE DE TYPE REMORQUE

Publication  
**EP 3418105 A1 20181226 (EN)**

Application  
**EP 18178871 A 20180620**

Priority  
• CN 201710469726 A 20170620  
• CN 2018091261 W 20180614

Abstract (en)  
A trailer-type energy vehicle includes a trailer-type compartment, a reel-type packaged flexible photovoltaic power generation device and an electrical system. The reel-type packaged flexible photovoltaic power generation device is arranged in the trailer-type compartment and includes a winding mechanical device and a reel-type flexible photovoltaic power generation strip. The reel-type flexible photovoltaic power generation strip is wound on the winding mechanical device. The electrical system is connected with the reel-type flexible photovoltaic power generation strip.

IPC 8 full level  
**B60L 8/00** (2006.01); **B60L 11/18** (2006.01); **H02J 7/35** (2006.01); **H02S 10/40** (2014.01)

CPC (source: EP US)  
**B60L 8/003** (2013.01 - EP US); **B60L 50/60** (2019.01 - EP US); **B65H 18/10** (2013.01 - US); **H02J 3/381** (2013.01 - EP US); **H02J 7/00** (2013.01 - US); **H02J 7/35** (2013.01 - EP US); **H02S 10/40** (2014.12 - EP US); **H02S 20/00** (2013.01 - EP US); **H02S 30/20** (2014.12 - EP US); **H02S 40/36** (2014.12 - EP US); **B60D 1/62** (2013.01 - US); **B60L 2200/30** (2013.01 - EP US); **B60L 2210/30** (2013.01 - EP US); **B60P 3/00** (2013.01 - US); **H02J 2300/26** (2020.01 - EP US); **Y02E 10/50** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP)

Citation (search report)  
• [I] EP 2246958 A2 20101103 - GEN ELECTRIC [US]  
• [A] CN 101295943 A 20081029 - ZHIJING FENG [CN]  
• [A] CN 201792936 U 20110413 - JINTANG LIN

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3418105 A1 20181226**; US 2018367083 A1 20181220

DOCDB simple family (application)  
**EP 18178871 A 20180620**; US 201816013025 A 20180620